Docket No. 8619.10

INFORMATION
DISCLOSURE STATEMENT
37 CFR §1.97(b)

Application of

Wilfried Dejaeger

Serial No. 10/667,246

Filed: September 18, 2003

rnea: September 18, 2003

Group Art Unit: Unknown

Examiner: Unknown

FOR: APPARATUS AND METHOD FOR OPERATING A CHECKOUT SYSTEM

HAVING A DISPLAY MONITOR WHICH DISPLAYS BOTH

TRANSACTION INFORMATION AND CUSTOMER-SPECIFIC MESSAGES

DURING A CHECKOUT TRANSACTION

OCT 3 0 2003

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR 1.56 and 1.97-1.98 with regard to the above-identified application, please find enclosed copies of the references listed on the enclosed form entitled "Information Disclosure Statement By Applicant". These references are generally related to self-checkout systems; and they include patents specifically related to self-checkout systems and cited in the prosecution of various NCR applications relating to self-checkout systems.

The following additional references not listed on the Information Disclosure

Statement were cited during prosecution of the above-mentioned NCR applications relating
to self-checkout systems but do not appear to be specifically related to self-checkout systems:

Patent No.	Issue date	Title
3,263,774	08/02/66	CONTROL APPARATUS
3,436,968	04/08/69	PROCESSING CONTROL SYSTEM
3,681,570	08/01/72	METHOD AND APPARATUS FOR IDENTIFYING ARTICLES
3,681,571	08/01/72	SYSTEM FOR IDENTIFYING ARTICLES
3,696,586	10/10/72	BAGGING AND CHECKOUT COUNTER SYSTEM
3,735,350	05/22/73	CODE SCANNING SYSTEM
3,819,012	06/25/74	MERCHANDISE HANDLING AND IDENTIFYING SYSTEM
3,869,575	03/04/75	SPEECH-SYNTHESIS SYSTEM
3,947,817	03/01/76	HAND OPERATED OPTICAL CHARACTER RECOGNITION WAND

Patent No.	Issue date	Title
3,949,194	04/06/76	CHECK-OUT TERMINAL
3,962,569	06/08/76	VALUE COMPUTING SCALE
3,962,570	06/08/76	SCALE WITH MANUAL TARE ENTRY
3,984,667	10/05/76	MOTION DETECTING SCALE
3,986,012	10/12/76	DIGITAL WEIGHT MEASURING AND
		COMPUTING APPARATUS WITH AUTOMATIC
		ZERO CORRECTION
4,004,139	01/18/77	DIGITAL SCALE WITH MEANS TO SHIFT
		DISPLAYED WEIGHT TO SHOW FRACTION OF
		LEAST NORMALLY DISPLAYED GRADUATION
4,028,537	06/07/77	PRODUCT PROCESSING SYSTEM WITH PRICE
		PRINTER
4,069,970	01/24/78	DATA ACCESS CIRCUIT FOR A MEMORY
		ARRAY
4,114,721	09/19/78	METHOD AND SYSTEM FOR ACOUSTIC NOISE
		LOGGING
4,138,000	02/06/79	CHECKOUT COUNTER
4,177,880	12/11/79	COMBINATION SUPERMARKET COUNTER AND
		CART THEREFOR
4,180,204	12/25/79	AUTOMATIC INVENTORYING SYSTEM
4,236,604	12/02/80	START/STOP CONTROL OF CONVEYING
		MEANS
4,237,483	12/02/80	SURVEILLANCE SYSTEM
4,327,819	05/04/82	OBJECT DETECTION SYSTEM FOR A
		SHOPPING CART
4,347,903	08/07/82	ELECTRONIC READING BALANCE
4,353,564	10/12/82	SUPERMARKET COUNTER CONSTRUCTION
		AND METHOD OF USING SAME
4,369,334	01/18/83	AUDIBLE ANNOUNCEMENT IN AN
		ELECTRONIC CASH REGISTER
4,369,361	01/18/83	PORTABLE, STAND-ALONE, DESK-TOP LASER
		SCANNING WORKSTATION FOR INTELLIGENT
		DATA ACQUISITION TERMINAL AND METHOD
		OF SCANNING
4,377,741	03/22/83	APPARATUS FOR PRODUCING UPDATED
		INFORMATION ON A TANGIBLE MEDIUM
4,392,535	07/12/83	ZERO-POINT ADJUSTING METHOD FOR
		AUTOMATIC WEIGHING APPARATUS
4,412,298	10/25/83	METHOD FOR TRACKING CREEP AND DRIFT
		IN A DIGITAL SCALE UNDER FULL LOAD
4,500,880	02/19/85	REAL TIME, COMPUTER-DRIVEN RETAIL
		PRICING DISPLAY SYSTEM
4,509,129	04/02/85	ELECTRONIC CALCULATING MACHINE WITH
! [		FACILITIES OF ANNOUNCING DATA
<u>.                                    </u>		INTRODUCED
4,529,871	07/16/85	PRICE MARKING SYSTEM
4,549,867	10/29/85	ELECTRONIC LEARNING AID WITH RANDOM
.,0-0,001		

Patent No.	Issue date	Title
4,574,317	03/04/86	HAND SCANNABLE PORTABLE COPIER AND
		METHOD
4,602,152	07/22/86	BAR CODE INFORMATION SOURCE AND
		METHOD FOR DECODING SAME
4,605,080	08/12/86	SPEECH RECOGNITION CONTROL SYSTEM
		AND METHOD
4,660,160	04/21/87	ELECTRONIC WEIGHING DEVICE HAVING
	<del> </del>	LABEL PRINTER WITH DATA STABILITY CHECK
4,661,908	04/28/87	SALES DATA PROCESSING SYSTEM
4,688,105	08/18/87	VIDEO RECORDING SYSTEM
4,709,770	12/01/87	DEVICE FOR CORRECTING DYNAMIC WEIGHT
		SIGNAL FROM CONVEYER WEIGHER
4,723,118	02/02/88	MAGNETIC DETECTION SYSTEM FOR ITEMS
	100110100	ON THE LOWER TRAY OF A SHOPPING CART
4,725,822	02/16/88	SHOPPING CART WITH LOWER TRAY
4 70 4 740	00/00/00	SIGNALLING DEVICE
4,734,713	03/29/88	THERMAL PRINTER
4,736,098	04/05/88	SIGNALLING METHOD AND APPARATUS FOR A
1 700 000	00/00/00	CONVENTIONAL SHOPPING CART
4,766,296	08/23/88	ARTICLE CHECKOUT COUNTER AND SYSTEM
4,766,299	08/23/88	HAND-MOUNTED BAR CODE READER
4,800,493	01/24/89	ELECTRONIC CASH REGISTER
4,838,383	06/13/89	APPARATUS FOR CHECKING OUT PURCHASES
4,866,661	09/12/89	COMPUTER CONTROLLED RENTAL AND SALE
4,000,001	09/12/09	SYSTEM AND METHOD FOR A SUPERMARKET
		AND THE LIKE
4,881,606	11/21/89	POINT-OF-SALE APPARATUS
4,914,280	04/03/90	OPTICAL WAND INTERFACE TO FIXED
1,011,200	"35,755	SCANNER
4,959,530	09/25/90	ARTICLE PRICE INDICATOR
4,964,167	10/16/90	APPARATUS FOR GENERATING SYNTHESIZED
	1	VOICE FROM TEXT
4,971,177	11/20/90	DATA GATHERING SYSTEM
		HOUSING/MOUNTING
4,975,948	12/04/90	RAPID DIALING METHOD FOR
		TELECOMMUNICATIONS
5,053,636	10/01/91	OVERRIDE CIRCUIT FOR MEDICAL TABLE
5,058,691	10/22/91	INFRARED DETECTOR FOR ENSURING
		CORRECT WEIGHING
5,079,412	01/07/92	POINT OF SALE DATA PROCESSING
	1	APPARATUS FOR HANDY TYPE BAR CODE
5 404 405	00/00/00	READER WHICH CAN BE FLUSH MOUNTED
5,121,103	06/09/92	LOAD ISOLATED ARTICLE SURVEILLANCE
5.455.45.1	00/00/05	SYSTEM AND ANTENNA ASSEMBLY
5,123,494	06/23/92	ANTI-THEFT WEIGHING SYSTEM
5,139,100	08/18/92	POINT-OF-SALE SCANNER/SCALE SYSTEM
L	<u>l</u>	WITH SCALE ACTIVATION OF SCANNER

Patent No.	Issue date	Title			
5,140,145	08/18/92	BAR CODE READER TEST AND TAMPERING			
		INDICATION SYSTEM			
5,142,161	08/25/92	HAND-HELD OPTICAL SCANNER AND			
-,,		HIGHLIGHTER			
5,149,211	09/22/92	PRINTERS AND ANCILLARY SYSTEMS			
5,174,399	12/29/92	POINT-OF-SALE SCANNER/SCALE SYSTEM			
	1.2.20.02	WITH SCALE ACTIVATION OF SCANNER			
5,177,345	01/05/93	MERCHANDISE SCANNER FOR RETAIL			
		STORES			
5,177,800	01/05/93	BAR CODE ACTIVATED SPEECH SYNTHESIZER			
' '		TEACHING DEVICE			
5,178,234	01/12/93	CHECKOUT APPARATUS			
5,189,291	02/23/93	BAR CODE READER OPERABLE AS REMOTE			
,	02,20,00	SCANNER OR WITH FIXED TERMINAL			
5,195,613	03/23/93	COMMODITY DATA READER			
5,230,391	07/27/93	WEIGHER-CONVEYOR SYSTEM			
5,231,293	07/27/93	BAR CODE READING INSTRUMENT WHICH			
0,201,200	01121133	PROMPTS OPERATOR TO SCAN BAR CODES			
		PROPERLY			
5,239,167	08/24/93	CHECKOUT SYSTEM			
5,256,864	10/26/93	SCANNING SYSTEM FOR PREFERENTIALLY			
0,200,004	10/20/33	ALIGNING A PACKAGE IN AN OPTIMAL			
		SCANNING PLANE FOR DECODING A BAR			
		CODE LABEL			
5,265,075	11/23/93	VOICE PROCESSING SYSTEM WITH EDITABLE			
		VOICE FILES			
5,293,319	03/08/94	POSTAGE METER SYSTEM			
5,314,631	05/24/94	STATIONARY BAR CODE READER WHICH CAN			
		BE DETECTED AND SEPARATED INTO A			
		HAND-HELD BAR CODE READER			
5,334,826	08/02/94	METHOD AND APPARATUS FOR EXTENDING			
		AND CONFIRMING THE SERVICE LIFE OF			
		SEMICONDUCTOR LASER OF BAR CODE			
		READER BY DETECTING CURRENT INCREASE			
		CORRESPONDING TO TEMPERATURE OF			
		SEMICONDUCTOR LASER			
5,335,171	08/02/94	ELECTRONIC REGISTER			
5,365,050	11/15/94	PORTABLE DATA COLLECTION TERMINAL			
		WITH VOICE PROMPT AND RECORDING			
5,374,815	12/20/94	TECHNIQUE FOR LOCATING ELECTRONIC			
'	İ	LABELS IN AN ELECTRONIC PRICE DISPLAY			
		SYSTEM			
5,382,779	01/17/95	SHELF PRICE LABEL VERIFICATION			
		APPARATUS AND METHOD			
5,393,965	02/28/95	FLEXIBLE MERCHANDISE CHECKOUT AND			
	<u> </u>	INVENTORY MANAGEMENT SYSTEM			
5,406,063	04/11/95	HAND-HELD DATA SCANNER HAVING			
		ADJUSTABLE KEYBOARD PANEL			
5,410,108	04/25/95	COMBINED SCANNER AND SCALE			
<del></del>	· · · · · · · · · · · · · · · · · · ·				

Patent No.	Issue date	Title			
5,412,191	04/02/95	SERVICE DESK FOR THE REGISTRATION,			
		BOOKING AND/OR PAYMENT OF GOODS,			
		VOUCHERS AND THE LIKE			
5,424,521	06/13/95	ARTICLE CHECKOUT SYSTEM WITH PRICE			
		PARAMETER OVERRIDE CAPACITY			
5,448,226	09/05/95	SHELF TALKER MANAGEMENT SYSTEM			
5,454,063	09/26/95	VOICE INPUT SYSTEM FOR DATA RETRIEVAL			
5,461,561	10/24/95	SYSTEM FOR RECOGNIZING DISPLAY DEVICES			
5,478,989	12/26/95	NUTRITIONAL INFORMATION SYSTEM FOR SHOPPERS			
5,482,139	01/09/96	AUTOMATED DRIVE-UP VENDING FACILITY			
5,488,202	01/30/96	WEIGHING DEVICE FOR THE REGISTRATION OF GOODS IN STORES			
5,493,107	02/20/96	SHELF PRICE LABEL AND PRODUCT			
		PLACEMENT VERIFICATION METHOD AND APPARATUS			
5,493,613	02/20/96	COMBINATION PIN PAD AND TERMINAL			
5,500,890	03/19/96	POINT-OF-SALE SYSTEM USING MULTI-			
		THREADED TRANSACTIONS AND			
		INTERLEAVED FILE TRANSFER			
5,525,786	06/11/96	MULTIDIRECTIONAL SCAN, PLATFORM			
		PURCHASE CHECKOUT SYSTEM			
5,546,475	08/13/96	PRODUCE RECOGNITION SYSTEM			
5,577,165	11/19/96	SPEECH DIALOGUE SYSTEM FOR			
		FACILITATING IMPROVED HUMAN-COMPUTER			
	<u> </u>	INTERACTION			
5,579,000	11/26/96	AUDIO/VIDEO PRICE CONFIRMATION SYSTEM			
5,594,469	01/14/97	HAND GESTURE MACHINE CONTROL SYSTEM			
5,644,630	07/01/97	INTERCOM SYSTEM FOR A SERVICE ESTABLISHMENT			
5,708,782	01/13/98	METHOD AND APPARATUS FOR DISPENSING			
3,700,702	01/13/90	DISCOUNT COUPONS			
5,721,536	02/24/98	AUDIO/VIDEO PRICE CONFIRMATION SYSTEM			
5,740,744	04/21/98	THROUGH-WALL TYPE AUTOMATIC			
0,740,744	04/21/30	CUSTOMER SERVICE APPARATUS			
5,747,784	05/05/98	METHOD AND APPARATUS FOR ENHANCING			
, ,		SECURITY IN A SELF-SERVICE CHECKOUT			
5,754,106	05/19/98	STATION  METHOD FOR DETECTING AND REPORTING			
		FAILURES IN EPL SYSTEMS			
5,756,978	05/26/98	MODULAR OPTICAL MEMORY CARD IMAGE DISPLAY POINT OF SALE TERMINAL			
5,756,984	05/26/98	HANDY SCANNER			
5,769,269	06/23/98	VENDING SYSTEM			
5,780,825	07/14/98	AUTOMATIC TELLER MACHINE INCLUDING A HALT REQUESTING MECHANISM IN A DURSS PERIOD			

Patent No.	Issue date	Title			
5,784,446	07/21/98	METHOD AND APPARATUS FOR INSTALLING TELEPHONE INTERCOM-VOICE MESSAGING APPARATUS AT DOORBELL FOR DWELLING			
5,801,371	09/01/98	OPTICAL READER WITH INDEPENDENT TRIGGERING AND GRAPHICAL USER INTERFACE			
5,801,766	09/01/98	SECURITY SYSTEM FOR USE AT A ROULETTE TABLE			
5,832,417	11/03/98	APPARATUS AND METHOD FOR AN AUTOMATIC SELF-CALIBRATING SCALE			
5,832,457	11/03/98	METHOD AND APPARATUS FOR SELECTIVE DISTRIBUTION OF DISCOUNT COUPONS BASED ON PRIOR CUSTOMER BEHAVIOR			
5,837,991	11/17/98	CARD TRANSPORT MECHANISM AND METHOD OF OPERATION			
5,839,104	11/17/98	POINT-OF-SALE SYSTEM HAVING SPEECH ENTRY AND ITEM RECOGNITION SUPPORT SYSTEM			
5,845,259	12/01/98	ELECTRONIC COUPON DISPENSING SYSTEM			
5,878,064	03/02/99	METHOD FOR DETECTING AND REPORTING FAILURES IN EPL SYSTEMS			
5,884,281	03/16/99	ELECTRONIC GROCERY LISTER			
5,886,336	03/23/99	MULTISIDE COVERAGE OPTICAL SCANNER			
5,890,135	03/30/99	SYSTEM AND METHOD FOR DISPLAYING PRODUCT INFORMATION IN A RETAIL SYSTEM			
5,898,383	04/27/99	SELF-SERVICE SHOPPING SYSTEM INCLUDING AN ELECTRONIC PRICE LABEL SYSTEM			
5,901,204	05/04/99	REMOTE SAMPLING OF VIDEO CLIPS			
5,914,473	06/22/99	METHOD OF SCANNING BAR CODES OF BULKY ITEMS			
5,917,421	006/29/99	METHOD OF AUTHENTICATING AN APPLICATION PROGRAM AND A SYSTEM THEREFOR			
5,925,872	07/20/99	SCANNING SYSTEM FOR EITHER HAND-HELD OR STATIONARY OPERATION FOR READING 1- D OR 2-D BARCODES			
5,950,173	09/07/99	SYSTEM AND METHOD FOR DELIVERING CONSUMER PRODUCT RELATED INFORMATION TO CONSUMERS WITHIN RETAIL ENVIRONMENTS USING INTERNET- BASED INFORMATION SERVERS AND SALES AGENTS			
5,952,642	09/14/99	METHOD AND APPARATUS FOR DETECTING ITEM SUBSTITUTIONS DURING ENTRY OF AN ITEM INTO A SELF-SERVICE CHECKOUT TERMINAL			

Patent No.	Issue date	Title
5,965,861	10/12/99	METHOD AND APPARATUS FOR ENHANCING
		SECURITY IN A SELF-SERVICE CHECKOUT TERMINAL
5,967,264	10/19/99	METHOD OF MONITORING ITEM SHUFFLING IN
		A POST-SCAN AREA OF A SELF-SERVICE CHECKOUT TERMINAL
5,970,470	10/19/99	SYSTEM AND METHOD FOR ESTABLISHING
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1.5.15.55	AND MANAGING SUBSCRIPTION PURCHASE
		AGREEMENTS INCLUDING COMMITMENTS TO
		PURCHASE GOODS OVER TIME AT AGREED
5 070 757	44/00/00	UPON PRICES
5,979,757	11/09/99	METHOD AND SYSTEM FOR PRESENTING ITEM INFORMATION USING A PORTABLE DATA
		TERMINAL TERMINAL
5,984,177	11/16/99	MULTIPLE CONFIGURATION AUTOMATIC
		TELLER MACHINE
5,987,428	11/16/99	METHOD AND APPARATUS FOR CHECKING
	1	OUT NON-BARCODED ITEMS AT A CHECKOUT
5 002 570	11/30/99	STATION SELF-SERVICE CHECKOUT APPARATUS
5,992,570 5,993,047	11/30/99	APPARATUS AND METHOD FOR REQUESTING
3,993,047	11/30/99	AND DISPENSING NEGOTIABLE INSTRUMENTS
5,997,170	12/07/99	SYSTEM AND METHOD FOR REPORTING
		VENDING STATUS
6,000,522	12/14/99	MULTI-COMPARTMENT AND ACCEPTORS
		COMPUTERIZED VENDING MACHINE
6,002,808	12/14/99	HAND GESTURE CONTROL SYSTEM
6,009,538	12/28/99	SYSTEM AND METHOD OF REPORTING A
		STATUS OF ANOTHER SYSTEM THROUGH AN ELECTRONIC PRICE LABEL SYSTEM
6,032,128	02/29/00	METHOD AND APPARATUS FOR DETECTING
0,002,120	02/20/00	ITEM PLACEMENT AND ITEM REMOVAL
		DURING OPERATION OF A SELF-SERVICE
		CHECKOUT TERMINAL
6,042,007	03/28/00	SELF-SERVICE COMPUTER ASSEMBLY WITH
0.047.000	0.4/0.4/00	INTEGRATED RECEIPT PRINTER
6,047,262	04/04/00	METHOD FOR PROVIDING SECURITY AND ENHANCING EFFICIENCY DURING OPERATION
		OF A SELF-SERVICE CHECKOUT TERMINAL
6,047,889	04/11/00	FIXED COMMERCIAL AND INDUSTRIAL
, ,		SCANNING SYSTEM
6,055,573	04/25/00	COMMUNICATING WITH A COMPUTER BASED
		ON AN UPDATED PURCHASE BEHAVIOR
		CLASSIFICATION OF A PARTICULAR
6,056,087	05/02/00	CONSUMER  METHOD AND APPARATUS FOR PROVIDING
0,030,007	03/02/00	SECURITY TO A SELF-SERVICE CHECKOUT
		TERMINAL
6,056,194	05/02/00	SYSTEM AND METHOD FOR NETWORKING
		AND CONTROLLING VENDING MACHINES

Patent No.	Issue date	Title
6,080,938	06/27/00	METHOD AND APPARATUS FOR RESETTING A PRODUCT SCALE OF A RETAIL CHECKOUT TERMINAL
6,089,454	07/18/00	METHOD AND APPARATUS FOR CHECKING OUT ITEMS WHICH DO NOT HAVE A RECORD CORRESPONDING THERETO STORED IN A MASTER PRODUCT DATABASE
6,105,866	08/22/00	METHOD AND APPARATUS FOR REDUCING SHRINKAGE DURING OPERATION OF A SELF-SERVICE CHECKOUT TERMINAL
6,145,629	11/14/00	METHOD AND APPARATUS FOR OPERATING A SELF-SERVICE CHECKOUT TERMINAL WHICH HAS A SINGLE WEIGHT SCALE FOR PERFORMING BOTH AN ITEMIZATION AND A SECURITY FUNCTION
6,155,486	12/05/00	METHOD AND APPARATUS FOR OPERATING A SECURITY SYSTEM OF A SELF-SERVICE CHECKOUT TERMINAL
6,167,381	12/26/00	SELF-SERVICE CHECKOUT TERMINAL
6,215,078	04/10/01	METHOD AND APPARATUS FOR DETERMINING A STABLE WEIGHT MEASUREMENT FOR USE IN A SECURITY SOFTWARE APPLICATION OF A SELF-SERVICE CHECKOUT TERMINAL
6,236,736	05/22/01	METHOD AND APPARATUS FOR DETECTING MOVEMENT PATTERNS AT A SELF-SERVICE CHECKOUT TERMINAL
6,286,758	09/11/01	RECONFIGURABLE CHECKOUT SYSTEM
6,325,290	12/04/01	METHOD AND APPARATUS FOR CHECKING OUT LARGE ITEMS WITH A SELF-SERVICE CHECKOUT TERMINAL
6,347,137	02/12/02	METHODS AND APPARATUS FOR REQUESTING ASSISTANCE AT A SELF-CHECKOUT TERMINAL
6,354,498	03/12/02	METHOD FOR DISPLAYING THE STATUS OF A SELF-SERVICE CHECKOUT TERMINAL
D 296,788	07/19/88	COMBINED PORTABLE DATA SCANNER AND PRINTER
RE 35,758	03/31/98	VOICE/DATA-FORMATTED TELEPHONE INFORMATION STORAGE AND RETRIEVAL SYSTEM

Respectfully submitted,

Paul W. Martin Reg. No. 34870

Attorney for Applicant(s)

OCT 3:0 2003

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

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Complete if Known

Application Number 10/667,246

Filing Date September 18, 2003

First Named Inventor Wilfried Dejaeger

Group Art Unit Examiner Name

Attorney Docket Number 8619.10

				U.S. PATENT DOCU	MENTS	
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Number	Document Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		3,182,35	7	Tuttle	05-11-1965	
		3,836,755	5	Ehrat	09-17-1974	
		3,878,365	5	Schwartz	04-15-1975	
		4,071,740	)	Gogulski	01-31-1978	
		4,084,742	2	Silverman	04-18-1978	
		4,373,133	3	Clyne et al.	02-08-1983	
		4,583,083	3	Bogasky	04-15-1986	
		4,583,619	9	Fry	04-22-1986	
		4,679,154	1	Blanford	07-07-1987	
		4,715,45	7	Amacher et al.	12-29-1987	
		4,775,782	2	Mergenthaler et al.	10-04-1988	
		4,787,467	7	Johnson	11-29-1988	
		4,789,048	3	Cramer et al.	12-06-1988	
		4,909,356	5	Rimondi et al.	03-20-1990	
		4,929,819	9	Collins, Jr.	05-29-1990	
		4,940,116	5	O'Connor et al.	07-10-1990	
		4,964,053	3	Humble	10-16-1990	
		5,004,916	5	Collins, Jr.	04-02-1991	
		5,040,636	5	Forsythe et al.	08-20-1991	
		5,125,465	5	Schneider	06-30-1992	

	FOREIGN PATENT DOCUMENTS								
Examiner	Cite	<u> </u>	Foreign Patent Doc		Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant		
Initials*	No.1	Office	3 Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	16	
		BE	899018			06-18-1984			
		DE	1927819			02-04-1971			
		DE	2125869			12-07-1972		1	
		DE	3114139 A1			11-04-1982		1	
		DE	3330301 A1			03-14-1985			
		EΡ	0060701 B1			09-22-1982		1	
		EP	0124355 B1			11-07-1984			
		EΡ	0178223 A2			04-16-1986			
		EP	0491348 A2			06-24-1992		1	
		EP	0811958 A2			12-10-1997		İ	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



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PTO/SB/08A (08-00)
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Substitute for form 1449A/PTO

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(use as many sheets as necessary)

of

Complet if Known							
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Group Art Unit							
Examiner Name							
Attorney Docket Number	8619.10						

	13				U.S. PATENT DOCU	MENTS	
ZALIE MIE	aminer Initials	Cite No.1	U.S. Patent Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			5,168,96	1	Schneider	12-08-1992	
			5,191,74	9	Cappi et al.	03-09-1993	
			5,297,03	0	Vassigh et al.	03-22-1994	
			5,315,09	7	Collins, Jr. et al.	05-24-1994	
			5,340,97	0	Wolfe, Jr. et al.	08-23-1994	
			5,343,02	5	Usui	08-30-1994	
			5,345,07	1	Dumont	09-06-1994	
			5,361,87	1	Gupta et al.	11-08-1994	
			5,397,88	2	Van Solt	03-14-1995	
			5,398,19	1	Komai	03-14-1995	
			5,426,42	3	Raimbault et al.	06-20-1995	
			5,448,04	6	Swartz	09-05-1995	
			5,457,30	7	Dumont	10-10-1995	
			5,484,99	1	Sherman et al.	01-16-1996	
			5,485,00	6	Allen et al.	01-16-1996	
			5,489,77	3	Kumar	02-06-1996	
			5,497,31	4	Novak	03-05-1996	
			5,540,30	1	Dumont	07-30-1996	
ĺ			5,544,04	0	Gerbaulet	08-06-1996	
			5,560,45	0	Kouno	10-01-1996	

	FOREIGN PATENT DOCUMENTS										
Examiner Initials*	Cite No.1	Foreign Patent Document  Kind Code <sup>5</sup> Office <sup>3</sup> Number <sup>4</sup> (if known)			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Ţ6			
		ΕP	0905656 A2			03-31-1999					
		ΕP	0953948 A2			03-11-1999					
		ΕP	0953947 A2			03-11-1999					
		ΕP	0905658 A1		_	03-31-1999					
		GB	2068132 A			08-05-1981					
		GB	2285687 A			07-19-1995					
		JP	5314367			11-26-1993					

Examiner	Date	
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



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Substitute for form 1449A/PTO

Complete if Known

Application Number 10/667, 246

Filing Date September 18, 2003

First Named Inventor Wilfried Dejaeger

Group Art Unit

Examiner Name

Attorney Docket Number

			U.S. PATENT DOCI	JMENTS	- · · - · · · · · · · · · · · · · · · ·
Examiner Initials	Cite No.1	U.S. Patent Documer  Kind Coo  Number  (if know)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,560,450	Kouno	10-01-1996	
		5,595,264	Trotta, Jr.	01-21-1997	
		5,609,223	Iizaka et al.	03-11-1997	
		5,635,906	Joseph	06-03-1997	
		5,637,847	Watanabe	06-10-1997	
		5,662,190	Abe	09-02-1997	
		5,663,963	Goodwin, III et al.	09-02-1997	
		5,684,289	Detwiler et al.	11-04-1997	
		5,721,420	May	02-24-1998	
		5,736,721	Swartz	04-07-1998	
		5,752,582	Hayward	05-19-1998	
		5,814,799	Swartz et al.	09-29-1998	
		5,821,512	O'Hagan et al.	10-13-1998	
		5,845,263	Camaisa et al.	12-01-1998	
		5,877,485	Swartz	03-02-1999	
		5,883,968	Welch et al.	03-16-1999	
		5,884,728	d'Estaintot et al.	03-23-1999	
		5,898,158	Shimizu et al.	04-27-1999	
		5,900,614	Nakakawaji et al.	05-04-1999	
		5,923,735	Swartz et al.	07-13-1999	

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Examiner Initials*	Cite No.1	Office <sup>3</sup>	Foreign Patent Do	cument  Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
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	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS									
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		AMATO-MCCOY, DEENA, "Brookshire's Shoppers Will Soon Experience Ease and Convenience of NCR Self-Checkout; NCR Self-Checkout Express Lets Shoppers Scan and Pay for Their Purchases", PR Newswire, February 24, 1999								
		AMATO-MCCOY, DEENA, "Self-Checkout Test Planned at Brookshire Grocery Units", Supermarket News Page: 21(1), April 26, 1999								
		"More Supermarkets Can Offer Shoppers Ease and Convenience of NCR Self-Checkout", PR Newswire, February 16, 1999								
		POWER, DENISE, "Self-Scanning Checks In.(Meijer)", HFN The Weekly Newspaper for the Home Furnishing Network, vol. 72, Issue No. 36, September 14, 1998								
		Web pages: http://www.terrigal.net.au/kjka/www.pscnet.com/uscanspe.htm, U-Scan Express(tm) Self-Checkout, 3/29/00								
		ZIMMERMAN, KIM ANN, "Food Lion to Install More Self-Checkouts", Supermarket News, October 4, 1999								
		"NCR: NCR Unveils Retail Self-Service Solution", M2 Presswire, June 16, 1998								
		CORBIN, COLE, "Checking Out Self-Scanning: More Retailers are Singing the Praises of Both Portable and Stationary Self-Scanning, but Customers Still Need a Bit of Wooing", Supermarket News, March 15, 1999								
		MOLTLZEN, EDWARD F., "NCR, Innovax Team for Supermarket Sweep", Computer Reseller News, February 22, 1999								
		Abstract: WOODYARD, CHRIS, "Grocery Shoppers can be Own Cashiers", USA Today, March 9, 1998								
		Search Results List: 8 Articles listed; Word or Phrase: Self and (checkout or scan?) and automat? and teller and mach, Date range: 1998 - Present; print date April 3, 2000								

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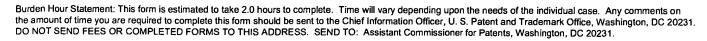
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		Search Results List: 7 Articles listed; Word or Phrase: Self and (checkout or scan?) and automat? and teller and mach, Date range: Backfile (1986-1997); print date April 3, 2000					
		Search Results List by Rank: 100 Articles listed; Search criteria Self-Checkout Coupled to an Automated Teller Machine; print date March 29, 2000					
		U-Scan Express.TM., The U-Scan Express.TM. Self-Checkout System, Spectra-Physics Scanning Systems, Inc., February 1996					
		Optimal Robotics 8870 System. TM., Optimal Robotics Corporation, 1995					
		ZIMMERMAN, DENISE, "Kroger Unit to Expand Customer Self-Scanning", Supermarket News, August 14, 1995, page 15					
		ZIMMERMAN, DENISE, "Kroger Self-Scan Lane To Test Debit Credit" Supermarket News, Vol. 45, Number 14, page 13+, April 3, 1995					
		LANG JONES, JEANNE, "Robots Will Do Checkout at Grocery", Houston Post, (Final, Business, p. Cl, February 22, 1995					
		"Burger King Tests Credit-Card Payments", The Miami Herald Knight-Rider/Tribune Business News, July 9, 1993					
		WISEMBERG-BRIN, DINAH, Associated Press, "You-buy, you-scan bag", Dayton Daily News, August 11, 1996					
		GAMBURER, A.T., et al., "Analogue-code Converter Used with Strain Gauge Hopper Weighers", Instrumental and Control, March 3, 1969					

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Examiner	Date	
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